



OVERVIEW

SMC's EZ Hub™ 10/100 hubs are auto-sensing, dual-speed hubs that offer a simple, cost-effective strategy for integrating Fast Ethernet into your Ethernet network. These hubs feature new form factors to more easily integrate with your SOHO environment while providing state-of-the-art technology for better performance.

Their ability to work with Fast Ethernet and Ethernet networks make the EZ Hub™ 10/100s the ideal foundation for handling future networking requirements, while preserving your current investment. The EZ Hub™ 10/100s combines the functions of an Ethernet hub and a Fast Ethernet hub into a single physical unit. The EZ Hub™ 10/100s can be cascaded to another hub, allowing them to grow as your networking requirements increase. In this way, the EZ Hub™ 10/100 provide small offices and departmental workgroups with an easy and affordable migration path to faster technology.).

FEATURES	BENEFITS
Up to 2.4 Gbps Mbps of aggregate bandwidth	Plug-and-play - no software or switches to configure
Dual-speed 10/100 Mbps with 5/8 auto-sensing ports	At-a-glance LEDs for system and network monitoring
Receives & transmits traffic at full wire speed on all ports	Buffered store-and-forward switching between 10 and 100 Mbps segments
Automatic address learning with entry MAC address table (SMC-EZ 5816DS) up to 8k	Fully compatible with Ethernet and Fast Ethernet networks

PORTS

- SMC-EZ5805DS / 5 RJ-45 auto-MDIX
- SMC-EZ5808DS / 8 RJ-45 auto-MDIX

NETWORK INTERFACE

- RJ-45: 100 ohm, UTP cable
- 10BASE-T - Categories 3, 4, or 5
- 100BASE-TX - Category 5

LEDs

- Power - One
- Link/Activity - one per port

SWITCHING METHOD

- Store and Forward

MAC ADDRESS TABLE

- 2K entries

MEMORY BUFFER

- 768K per unit

FILTERING/FORWARDING/LEARNING RATES

- Full line rate

TEMPERATURE

- 0° to 70° C / 32° to 158° F

WARRANTY

- Limited Lifetime

DIMENSIONS

- SMC-EZ5805DS
5.25 x 3.625 x 1.25 in / 13.3 x 9.2 x 3.2 cm
- SMC-EZ5808DS
6.69 x 3.625 x 1.25 in / 17 x 9.2 x 3.2 cm

WEIGHT

- SMC-EZ5805DS / 0.37lbs / 0.167 kg
- SMC-EZ5808DS / 0.794 lbs / 0.36kg

HUMIDITY

- 5% to 95% (non-condensing)

POWER REQUIREMENTS

- DC input
SMC-EZ5805DS :6V, 1A
SMC-EZ5808DS: 6V, 1A

POWER CONSUMPTION

- SMC-EZ5805DS: 4.6 Watts
- SMC-EZ5808DS: 4.6 Watts

HEAT DISSIPATION

- SMC-EZ5805DS: 15.7 BTU/hr
- SMC-EZ5808DS: 15.7 BTU/hr

MAXIMUM CURRENT

- SMC-EZ5805DS: 0.76A @ 6VDC
- SMC-EZ5808DS: 0.76A@6VDC

STANDARDS

- IEEE802.3
- IEEE802.3u
- IEEE802.3x
- ISO/IEC8802-3
- EMC/Safety Compliances
- CE Mark

EMISSIONS

- FCC Class B
- EN55022 (CISPR 22) Class B
- C-Tick - AS/NZS 3548 (1995) Class B
- EN61000-3-2/3

IMMUNITY

- EN6100-4-2/3/4/5/6/8/11

SAFETY

- CSA/NRTL (22.2.950, UL 1950)
- TUV/GS (EN60950)
- CB (IEC60950)

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